

ThinkPad X240 Platform Specifications

Product Specifications Reference (PSREF)

Positioning	Ultraportable Ultrabook™ or Thinbook; one spindle								WLAN ⁴	One of the following, configurable by model: <ul style="list-style-type: none">• ThinkPad 11b/g/n, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 card• Intel Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card• Intel Dual Band Wireless-N 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card• Intel Dual Band Wireless-AC 7260, 2x2, Wi-Fi + BT combo adapter, M.2 card	
Processor	4th Generation Intel® Core™ i3 / i5 / i7 Processor								WWAN (optional)	One of the following, configurable by model (mutually exclusive with M.2 SSD): <ul style="list-style-type: none">• Wireless WAN upgradable• Wireless WAN, Sierra Wireless EM7355, Qualcomm® Gobi™ 4G LTE/HSPA+/EVDO/GSM/GPRS/EDGE, GPS, M.2 card (US models)• Wireless WAN, Ericsson® N5321, HSPA+ 21Mbps/GSM/GPRS/EDGE, GPS, M.2 card (WE models)• Wireless WAN, Sierra Wireless EM7345, Intel 4G LTE/HSPA/GSM/GPRS/EDGE, GPS, M.2 card (WE models)	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics			
	i3-4010U	2	4	1.7 GHz	-	3MB	DDR3L-1600	Intel HD graphics 4400			
	i5-4200U			1.6 GHz	2.6 GHz	3MB					
	i5-4210U			1.7 GHz	2.7 GHz	3MB					
	i5-4300U			1.9 GHz	2.9 GHz	3MB					
i7-4600U	2.1 GHz	3.3 GHz	4MB								
Memory	8GB max / PC3-12800 1600MHz DDR3L, non-parity, one 204-pin SO-DIMM socket								SIM card (optional)	One of the following, configurable by model: <ul style="list-style-type: none">• AT&T® or Verizon® LTE (4G), contract required with service provider (US models)• Lenovo SIM, out-of-box service, pay-as-you-go via credit card, no contract required (WE models)• User selectable, contract required with service provider	
Optical Storage	None Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high, removable, upgradable Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, removable, upgradable, Shock Mounted Hard Drive, Active Protection System™ Some: SSHD with 8GB NAND flash memory								Bluetooth™ Ethernet	Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter Non-vPro model: Intel Ethernet Connection I218-V (Clarkville) vPro model: Intel Ethernet Connection I218-LM (Clarkville) Optional: Near Field Communication	
M.2 SSD	Some: Single-sided M.2 SSD, via M.2 card slot, exclusive with Smart card reader Some: Double-sided M.2 SSD, via M.2 card slot, exclusive with WWAN card								NFC		
Widescreen display	Some: 12.5" (317.5mm) HD (1366x768) , anti-glare, LED backlight, 200 nits, 16:9 aspect ratio, 300:1 contrast ratio, TN Some: 12.5" (317.5mm) HD (1366x768) , anti-glare, LED backlight, 300 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS Some: 12.5" (317.5mm) FHD (1920x1080) , anti-glare, LED backlight, 400 nits, 16:9 aspect ratio, 700:1 contrast ratio, IPS								Security chip vPro (optional)	Power-on password, hard disk password, supervisor password, security keyhole Trusted Platform Module, TCG 1.2-compliant Intel vPro Technology	
Multi-touch Camera (optional)	Some: Capacitive-type multi-touch, supports 10-finger gesture HD720p resolution, wide view angle, low light sensitive, face tracking, fixed focus								Fingerprint reader	Optional: Fingerprint reader on the keyboard bezel, swipe sensor	
Graphics	Intel HD Graphics 4400 in processor, supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160@30Hz (DP via mDP cable); 1920x1200@60Hz (VGA)								Limited warranty ¹²	One of the following, configurable by model: <ul style="list-style-type: none">• 1-year depot repair service• 3-year/1-yr battery depot repair service• 3-year/1-yr battery limited onsite service²⁴• 3-year/1-yr battery limited onsite service, IWS (International Warranty Service¹⁷)	
Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and Mylar surface touchpad, integrated five buttons, multi-touch								Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8 / 8.1 Pro 64-bit <ul style="list-style-type: none">• Lenovo Solution Center• ThinkVantage Product Recovery• Rescue and Recovery™• ThinkVantage System Update• Lenovo Cloud Storage by SugarSync• PC Device Stage• Nitro Pro• Evernote®• Skype™• Microsoft® Office preloaded; purchase a product key to activate• Norton™ Internet Security (30 days of virus definitions)	
ThinkLight™	None										
Dimensions ³	12.5W" (WxDxH): 12.0" x 8.21" x 0.78"; 305.5mm x 208.5mm x 19.9mm 12.5W" MultiTouch (WxDxH): 12.0" x 8.21" x 0.85"; 305.5mm x 208.5mm x 21.5mm										
Weight ²	Models	No + 3-cell	No + 6-cell	3-cell + 3-cell	3-cell + 6-cell						
	Non-MultiTouch	2.88 lb / 1.31kg	3.23 lb / 1.47kg	3.13 lb / 1.42kg	3.48 lb / 1.58kg						
	MultiTouch	-	-	3.29 lb / 1.49kg	3.64 lb / 1.65kg						
Case material	Glass-Fiber Reinforced Plastic									Some: Windows 8 / 8.1 64-bit Some: Windows 8 / 8.1 Pro 64-bit <ul style="list-style-type: none">• Lenovo Solution Center• Lenovo Support• Lenovo Companion• ThinkVantage System Update• Lenovo Reach (Windows 8.1 model)• Hightail - Metro (Windows 8.1 model)• Lenovo Cloud Storage by SugarSync - Metro (Windows 8 model)• Lenovo Cloud Storage by SugarSync (Windows 8 model)• PC Device Stage• AccuWeather• Amazon Kindle• Nitro Pro• Evernote• Skype• Rara Streaming• Norton Studio• Microsoft Office preloaded; purchase a product key to activate• Norton Internet Security (30 days of virus definitions)	
Internal battery	Optional: Integrated Li-Ion or Li-Polymer 3-cell (23.5Wh), HW Authentication										
External battery	Li-Ion 3-cell (23.5Wh) or 6-cell (47.5Wh or 72Wh), HW Authentication										
Max battery life ¹⁰	Battery configuration	3-cell + 3-cell		3-cell + 6-cell 47.5Wh		3-cell + 6-cell 72Wh					
	Battery life	8.7 hr		13.1 hr		17.4 hr					
AC adapter	45-watt AC adapter								Environment	EPEAT™ Gold; ENERGY STAR® 6.0; GREENGUARD®; RoHS-compliant	
Chipset	Intel SoC (System on Chip) platform										
Smart card reader	Optional: Smart card reader, exclusive with M.2 SSD										
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)										
Ports	Two USB 3.0 (one Always On), VGA, MiniDP, Ethernet (RJ-45), Dock connector										
Audio support	HD Audio, Realtek® ALC3232 codec, Dolby® Advanced Audio™ v2 / stereo speakers, 1.5W x 2 / dual array mic, combo audio/mic jack										